



LiveNX 21.5.0 Release Notes

Release Information

- Type of Release - Minor
- Contains New features, Enhancements and Bug Fixes
- Release Date - Nov. 11, 2021
- Release Designation - ED (Early Deployment)

Build Information

Application Version

Server Version: 21.5.0-20211110-549bba7

Web Version: 21.5.0-20211110-99e1a3f70a+b78

New Features and Enhancements

LiveNX

Alerting

- BGP peer connection change alert now supports multiple instances
- Active alert tab on entity pages show all active alerts, not only active alerts that contribute to status
- Active alert tab on entity pages shows whether an active alert contributes to status or not
- Added a configurable automatic resolution time to the following alerts
 - BGP peer connection change
 - Site reachability
 - Device reachability
 - Interface reachability
 - Fan tray operational state
 - HSRP standby state
 - Line card operational state
 - Power supply operational state
 - QFP throughput operational state
 - VRRP operational state
- Adjusted the default automatic resolution time for some alerts to be lower

Device Management

- Interface state is now visible while discovering devices
- Interface state now shows if an interface is admin down
- Added support for Cisco Firepower devices

Reporting

- Added historical alert reports
- Custom reports are now configurable through the Operations Dashboard
- Interface label is now provided as report metadata when available

Role Based Access Control (RBAC)

- Notifications have been re-enabled by default
- Non-SDWAN alert notifications will honor RBAC

System Diagnostics

- Flow data status is now available on the Operations Dashboard

Third Party Integration

- Third party libraries making external calls can now be disabled

Topology

- Logical topology supports source and destination site filters
- Flow path analysis story supports source and destination site filters

VeloCloud Integration

- Added reports to utilize VeloCloud data relating to site to site performance, cloud gateways, top application by flow path, top paths, top traffic, and more

API Update

URI	Summary
/wmiPoller/wmicServers	Added new parameter <code>wmicAuthenticationProtocol</code> in request body to support NTLMv2
/cloudMonitor/azureServiceTags	New endpoint to get Azure service tags from the customer portal
/heapDumps/sanitize (New)	Changed endpoint path to new one.
/heapDumps/files/{fileName} (Old)	Path parameter is replaced with request object body to contain <code>nodeId</code> & <code>fileName</code> . Added functionality to sanitize existing heap dump for remote node. Sanitize Heap dump now supports asynchronous API flow and Operations Dashboard now handles it in the same manner as creating heap dumps.
/dynamicReports	Endpoints to support the creation/modification of custom reports (aka dynamic reports)
/dynamicReports/{id}	The <code>keysAndMetrics</code> endpoint provides all possible keys and metrics that can be used for custom report modification
/dynamicReports/keysAndMetrics/{flowTechnologyType}	

Resolved Customer Issues

- LS-2900 - Added NTLMv2 support for WMIC
- LS-2954, LS-2942 - Fixed a problem where SNMP data was taking up an excessive amount of memory and disk space
- LS-2962 - Fixed an issue where users were being logged off when configuring SSL on LDAP
- LS-2868 - Report templates should no longer be deleted after reboot
- LS-2968 - VRF will be properly resolved in the flow path analysis table
- LS-2958 - SD-WAN path change alerts will correctly show loss rate (percentage) instead of loss (packets)
- LS-2929 - China has been added to the new user registration page for cloud licensing